

## AMENDMENTS TO THE SPECIFICATION

**On p. 3, please replace the paragraph at lines 14-15 with the following replacement paragraph, shown below in clean and marked up forms:**

**CLEAN COPY:**

FIG. 2 is a view that illustrates the comparison result of a reference DNA sequence and a subject DNA sequence using NCBI' s BLAST, the upper strand and lower strand of the alignment each correspond to SEQ ID NO:1;

**MARKED-UP COPY:**

FIG. 2 is a view that illustrates the comparison result of a reference DNA sequence and a subject DNA sequence using NCBI' s ~~blast~~BLAST, the upper strand and lower strand of the alignment each correspond to SEQ ID NO:1;

**On p. 3, please replace the paragraph at lines 16-18 with the following replacement paragraph, shown below in clean and marked up forms:**

**CLEAN COPY:**

FIG. 3 is a view that illustrates a principle of conversion of information about a difference between a reference DNA sequence and a subject DNA sequence that are aligned in a comparative unit into a string of characters, the sequence acgtattagggatggacgtatt corresponds to SEQ ID NO:2 and the sequence gggctggatccattag corresponds to SEQ ID NO:3;

**MARKED-UP COPY:**

FIG. 3 is a view that illustrates a principle of conversion of information about a difference between a reference DNA sequence and a subject DNA sequence that are aligned in a comparative unit into a string of characters, the sequence acgtattagggatggacgtatt corresponds to SEQ ID NO:2 and the sequence gggctggatccattag corresponds to SEQ ID NO:3;